5. REFERENCES

Abate N. and Chandalia M. (2001), Ethnicity and type 2 diabetes: focus on Asian Indians, J diabetes Complications, (2001), 15, 320-7.

Alberti KG. and Zimmet PZ. (1998), Definition diagnosis and classification of diabetes mellitus and its complications. Part I: Diagnosis and classification of diabetes mellitus, provisional report of a WHO consultation. Diabetes Med, 15, 539-553.

Asia NR., Fatma UA., Mayadeh S., and Mustaqeem OT (2004), Investigation of active constituents of *Portulaca oleracea L.*(Portulacaceaea) grown in Jordan. Pak J of Pharm Sci, 17(1), 37-46.

Babu V, Gangadevi T, Subramanian A (2003). Antidiabetic activity of ethanol extract of *Cassia Klenii* leaf in streptozotocin-induced diabetic rats and isolation of an active fraction and toxicity evaluation of the extract. Indian J of Pharmacol, 35, 290-296.

Burkill HM. (1997), The useful plants of West Tropical Africa. Edn 2.Vol 4.Families M-R. Royal Botanic Gardens Kew. ISBN. No.1-900347-13-X.

Chan JM., Rimm EB., Colditz GA., Stampfer MJ. and Willett WC. (1994), Obesity, fat distribution, and weight gain as risk factors for clinical diabetes in men. Diabetes Care, 17, 961-969.

Chattopadhyay S., Ramanathan M., Das J. and Bhattacharya SK. (1997), Animal models in diabetes mellitus. Indian J Exp Biol, 35, 1141-1145.

Chopra RN. Nayar SL. and Chopra IC. (1966), Glossary of Indian medicinal plants. CSIR Pub, New Delhi, 104.

Davidson Mayer B. (1986), Diabetes Mellitus: Diagnosis and treatment, Edn.2, A Wiley Medical Publication, John Wiley & Sons, 1.

Davidson MB. Peters AL. and Schriger DL. (1995), An alternative approach to the diagnosis of diabetes with a review of the literature. Diabetes Care, 8, 1065-1071.

Deo SS., Zantye A., Mokal R., Mithbawkar S., Rane S. and Thakur K. (2006), To identify the risk factors for high prevalence of diabetes and impaired glucose tolerance in Indian rural population. Int J Diab Dev Ctries, 26, 19-23.

Elkayat ES., Ibrahim SR. and Aziz MA. (2008), Portulene, a new diterpene from *Portulaca oleracea L.* J of Asian Natural Product Research, 10 (11), 1039- 1043.

Frier BM. and Fisher BM. (2002), Diabetes Mellitus: In Davidsons Principles and Practices of Medicine. 19th Edn, 642-682.

Gorske SF., Rhodes AM. and Hopen HJ. (1979), A Numerical Taxonomic Study of *Portulaca oleracea*. Weed Science, 27(1), 96-102.

Jigna P. and Sumitra VC. (2007), In vitro antimicrobial activity and phytochemical analysis of some Indian medicinal plant. Turk J Biol, 31, 53-58.

Joshi SR. (2003), Metabolic syndrome-emerging clusters of the Indian phenotype. J Assoc Physicians India, 51, 445-446.

Kamil, M., Jayaraj AF., Ahmad F., Gunasekhar C., Thomas S., Habibullah M. and Chan K. (1998), Chemical standardization of *Portulaca oleracea v. sativa*. J of Pharm and Pharmacol, 50, 259 -263.

King H. (1997), Diabetes mellitus: a growing international health care problem. Int Diab Monitor, 9, 1-6.

Kumar BSA., Prabhakarn V., Lakshman K., Nandeesh R., Subramanyam P. and Khan S. (2008), Pharmacognostical studies of *Portulaca oleracea* Linn.Brazilian J of Pharmacog, 18(4), 527-531.

Leung AY. And Foster S. (1996), Encyclopedia of Common Natural Ingredients used in Food, drugs and cosmetics. 2nd Edition John Wiley ISBN No 0-471- 50826-8.

Li G., Hu Y., Yang W., Jaing Y., Wang J. and Xiao J. (2002), Effects of insulin resistance and insulin secretion on the efficacy of interventions to retard development of type 2 diabetes mellitus: The DA Qing IGT and Diabetes Study. Diab Res Clin Pract, 58, 193-200.

Liu F. and Ng TB. (2000), Anti-oxidative and free radical scavenging activities of selected medicinal herbs. Life Sci., 66(8), 725-735.

Martinez A. and Valencia G. (2003), Manual de practices de Farmacognosia y Fitoquimia: 1999, 1. Medellin: Universidad de Antiquia; Marcha fotiquimica, 59-65.

Mayfield J. (1998), Diagnosis and Classification of Diabetes Mellitus: New Criteria. Amer Fam Physician, 58(6), 1369.

Mirajkar P. (1984), Studies on leaf protein of *Portulaca* species and other leafy vegetables. Curr Trends Life Sci 11, 95-98.

Mitish, Larry W. (1997), Common purslane (*Portulaca oleracea*). Weed Technology, 11(2), 394-397.

Mohammed A.I. and Hussain AS. (1994), Chemical composition of Purslane *(Portulaca oleracea*)... Plant Foods Hum Nutr, 45, 1-9.

Mohan V., Gokulakrishanan K., Deepa R., Shantirani CS. and Datta M. (2005), Association of Physical inacitivity with components of metabolic syndrome and coronary artery disease- The Chennai Urban Population Study (CUPS No. 15). Diabetic Med 22, 1206-1211.

Oguyemi AO. (1979), In: Sofowora A Proceedings of a conference on African Medicinal Plants. Ife-Ife: Univ Ife, 20-22.

Omara ATR., Mebrahtu T., Prior DE. and Ezekwe MO. (1991), Omega-3- fatty acids in Purslane *Portulaca oleracea* tissues. J of American Oil Chemists Society, 68(3), 198-199.

Prabhakaran V., Srinivas B., Kumar A. and Shekar DS. (2010), Evaluation of the hepatoprotective activity of *Portulaca oleracea* L. on D- galactosamine induced hepatic injury in rats. Plant Med Aromat 9(3), 199-205.

Pradeep R. and Mohan V. (2002), The changing scenario of the diabetes epidemic: implications for India. Indian J Med Res, 116, 121-132.

Prasad SK., Alka K. and Taj NQ. (2009), Antidiabetic activity of some herbal plants in streptozotocin induced Diabetic albino rats. Pak J of Nutri 8(5), 551- 557.

Rafia R., Bashir AG., Seema A. and Azra K. (2010), Phytochemical screening of *Prunella vulgaris* L An important Medicinal Plant of Kashmir Pak J Pharm Sci, 23(4), 399-402.

Rashed AN, Afifi FU and Disi AM (2003). Simple evaluation of the wound healing activity of a crude extract of *Portulaca oleracea* L. in Mus musculus JVI-1. J Ethnopharmacol, 88(2-3), 131-136.

Sarah W, Gajra R, Anders G, Richard S Hillary K (2004). Global Prevalence of Diabetes Estimates for the year 2000 and projections for 2030. Diabetes care, 27, 1047-1053.

Satyavati GV (1984). Pharmacology of medicinal plants and other natural products in Current Research in Pharmacology in India (1975-1982) Das PK and Dhawan, B Eds, Indian National Science Academy, New Delhi, 119.

Sofowora A (1993). Medicinal plants and Traditional medicine in Africa. Spectrum Books Ltd, Ibadan,Nigeria, 289.

Stamler J (1993). Diabetes, other risk factors, and 12-yr cardiovascular mortality for men screened in the Multiple Risk Factor Intervention Trial. Diabetes Care, 16, 434-444.

Susman JL,Helseth LD (1997). Reducing the complications of type II diabetes: a patient centered approach. Am Fam Physician, 56, 471-80.

Szkudelski T (2001). The mechanism of alloxan and streptozotocin action in beta cells of the rat pancreas. Physio Res, 50, 536-546.

Tommasi De N, De Simone F, Cirino G *et al* (1991). Hypoglycaemic effect of sesquiterpene glycosides and polyhydroxylated triterpenoids of *Eriobotrya japonica*. Planta Medica, 57, 414-416.

Trease GE and Evans WC (1989). Pharmacognosy, 11th edn,Brailliar Tiridel Can, Macmillian Publishers.

Trivedi NA, Majumder B, Bhatt JD, Hemavathi KG (2004). Effect of Shilajit on blood glucose and lipid profile in alloxan-induced diabetic rats. Ind J Pharmacol, 36(6), 373-376.

Varley H (1980). Practical Clinical Biochemistry New Delhi CBS. Publishers and Distributors V edition 1, 457.

Vivek SK, Suresh K, Hitesh JP, Shivkumar (2010). Hypoglycaemic activity of *Ficus glomerata* in alloxan induced diabetic rats. Int. J. of PSRR. 1(2), 18-22.

Wadood A, Noreen W, Hidayat HK, Wadid SA (1988). Effect of *Eriobotrya japonica* on blood glucose levels of normal and alloxan diabetic rabbits. Planta Med, 25, 1-6.

Wild S, Roglic G, Green A, Sicree R, King H (2004). Global prevalence of diabetes: Estimates for the year 2000 and projections for 2030. Diabetes Care, 27 (5), 1047-1053.

Yang Z, Liu C, Xiang L, Zheng Y (2009). Phenolic alkaloids as a new class of antioxidants in *Portulaca oleracea*. Phytotherapy Research, 23(7), 1032-1035.

Zargar AH, Khan AK, Masoodi SR, Laway BA, Wani AI, Bashir MI *et al* (2000). Prevalence of type 2 diabetes mellitus and impaired glucose tolerance in the Kashmir Valley of the Indian subcontinent. Diabetes Res Clin Pract, 47, 135-136.

Zijuan Y, Cejia L, Lan X, Yinan Z (2009). Phenolic alkaloids as a new class of antioxidants in *Portulaca oleracea*, Phytotherapy Res, 23(7), 1032-1035.

Mohamed A. Dkhil, Ahmed E. Abdel Moniem, Saleh Al-Quraishy and Reda Awadallah Saleh (2011), Antioxidant effect of purslane (*Portulaca oleracea*) and its mechanism of action, Journal of Medicinal Plants, Research, 5(9), 1589-1563.

D.v.kishore., fouzia moosavi. and r.k.varma. (2013), effect of ethanolic extract of portulaca oleracea linn. on ethylene glycol and ammonium chloride induced urolithiasis, international journal of pharmacy and pharmaceutical sciences, 5 (2), 134-140.

P. rajeshwari. and G. rajeswari. (2013), evaluation of invitro anti urolithiasis activity of *convolvulus arvensis*, international journal of pharmacy and pharmaceutical sciences, 5 (3), 599-601.

Sankara S. (2012), evaluation of antihyperlipidemic activity of leaves of *portulaca oleracea linn* against dexamethasone induced hyperlipidemia in rats, international journal of pharmacy and pharmaceutical sciences, 4, (4), 279-283.

Oyedeji K. (2013), effect of chromatographic fraction of portulaca oleracea on haematological and plasma biochemical parameters in male albino rats, journal of dental and medical sciences, 3 (5), 84-88.

Sabeeha shafi. and nahida tabassum. (2015), toxicity evaluation of hydro-alcoholic extract of portulaca oleracea (whole plant) in swiss albino mice, international journal of pharmacy and pharmaceutical sciences, 7,(2), 506-510.

W.hozayen. M. bastawy. and H.elshafeey. (2011), effects of aqueous purslane (portulaca oleracea) extract and fish oil on gentamicin nephrotoxicity in albino rats, nature and science, 9(2), 47-62.

W.Wang. L.Gu., L.Dong. and X.Wang. (2007), Protective effect of Portulaca oleracea extracts on hypoxic nerve tissue and its mechanism, Asia Pac J Clin Nutr, 16(1), 227-233.

K. tanaka, y and S. nishizono. (2008), hypoglycemic activity of eriobotrya japonica seeds in type 2 diabetic rats and mice, bio sci. biotechnol.